

Client Ref. No.: 16441

CLEAN VERSION OF PENDING CLAIMS

COMPOSITE MATERIAL WITH CLOTH-LIKE FEEL

Applicant: Scott R. Lange et al. Serial No: 09/751329

2. A wet-wipe comprising a non-woven composite elastic material comprising:

at least one non-woven elastic layer;

at least one non-woven gatherable layer;

wherein the gatherable layer is bonded to the elastic layer at at least two points; and the gatherable layer is gathered between the bonded points; wherein the composite elastic material has a cup crush less than about 120 g per cm and a CD tensile strength of greater than about 0.68 pounds; and a liquid.

3. A wet-wipe comprising a non-woven composite elastic material comprising:

at least one non-woven elastic layer,

at least one non-woven gatherable layer;

wherein the gatherable layer is bonded to the elastic layer at at least two points; and the gatherable layer is gathered between the bonded points; wherein the composite material has a cup crush to density ratio of less than about 1579 cm² and greater than about 950 cm²; and a liquid.

- 4. The wet-wipe according to claims 2, or 3, wherein the elastic layer is selected form the group consisting of an elastic film, an elastic web, elastic fibers and any combination thereof.
- 5. The wet-wipe according to claim 4, wherein the clastic layer comprises an elastic web.
- 6. The wet-wipe according to claim 4, wherein the elastic layer comprises elastic fibers.

B

- 7. The wet-wipe according to claim 4, wherein the elastic layer comprises elastic fibers and a non-woven web.
- 8. The wet-wipe according to claim 7, wherein the elastic fibers comprise polyethylene.
- 9. The wet-wipe of claim 7, wherein the elastic fibers are substantially parallel.
- 10. The wet-wipe of claim 9, wherein the substantially parallel elastomeric fibers are autogenously bonded to at least a portion of the web fibers.
- 11. The wet-wipe of claim 7, wherein the elastic fibers are embedded in the web.
- 12. The wet-wipe according to claims 2, or 3, wherein the gatherable layer is a composite material.
- 13. The wet-wipe according to claim 8, wherein the gatherable layer is coform.
- 14. The wet-wipe of claim 12, the gatherable layer comprises polypropylene.
- 15. The wet-wipe of claim 12, wherein the gatherable layer is non-elastic.
- 16. A wet-wipe according to claim 3, wherein the composite material has a cup crush to density ratio of less than about 1400 cm² and greater than about 1100.
- 17. A wet-wipe according to claim 16, wherein the composite material has a cup crush to density ratio of less than about 1300 cm² and greater than about 1100.
- 18. The wet-wipe according to claim 3, wherein the material has a cup crush less than about 120 g cm.



19. The wet-wipe of claims 2 or 18, having a cup crush less than about 110 g cm.

- 20. The wet-wipe of claim 19, having a cup crush less than about 90 g cm.
- 21. The wet-wipe of claim 20, having a cup crush less than about 70 g cm.
- 22. The wet-wipe according to claim 2, wherein the material has a density less than about 0.085 g per cubic cm.
- 23. The wet-wipe of claims 2 or 22, wherein the material has a density less than about 0.075 g per cubic cm.
- 24. The wet-wipe of claims 23, wherein the material has a density less than about 0.060 g per cubic cm.
- 25. The wet-wipe of claim 2, wherein the material has a CD tensile strength of greater than about 0.75 pounds.
- 26. The wet-wipe of claim 25, wherein the material has a CD tensile strength of greater than about 0.80 pounds.
- 27. The wet-wipe of claim 26, wherein the material has a CD tensile strength of greater than about 0.90 pounds.
- 28. The wet-wipe of claims 2 or 3, wherein the basis weight of the composite elastic material is from about 75 to about 90 grams per square meter.
- 29. The wet-wipe of claim 28, wherein the basis weight of the composite elastic material is about 85 grams per square meter.



KC File No.: 16,441

30. The wet-wipe of claim 28, wherein the composite elastic material comprises

- a) an elastic layer comprising elastic fibers bound to a elastic web; and
- b) two gatherable layers comprising coform;

wherein the elastic layer is positioned between the two gatherable layers.

- 31. The wet wipe of claims 2 on 3, wherein the liquid is distributed within the layers; and the liquid comprises at least one material selected from the group of materials including preservatives, fragrances, emollients, humectants, detergents and soaps.
- 33. A wet-wipe comprising:

a non-woven composite material comprising fibers and a polymer; wherein the composite material has a cup crush less than about 120 g per cm and a CD tensile strength of greater than about 0.68 pounds; and a liquid.

34. A wet-wipe comprising:

a non-woven composite material comprising fibers and a polymer; wherein the composite material has a cup crush to density ratio of less than about 1579 cm² and greater than about 950 cm²; and a liquid.

35. A wet-wipe comprising:

a non-woven composite material comprising fibers and a polymer; wherein the composite material has a cup crush to density ratio of less than about 1579 cm² and a CD tensile strength of greater than about 0.68 pounds; and a liquid.

36. A method for preparing a wet-wipe according to claims 2 or 3, wherein the wet-wipe has at least one non-woven elastic layer; and at least one non-woven gatherable layer comprising bonding the elastic and gatherable layers at at least two points.

